2020-21

QUALITY CONTROL TEST REPORT

Name of the Client: Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Agency: M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers), Contractor, Bangalore.

Name of the Work: Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

M/s. CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Road Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited as per ISO-17025: 2005 Laboratory

#133, Bhuvaneshwarinagar, DoddaBasti Main Road, Bangalore-560056
E-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 Mob: 9886998316

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QC-ABSTRACT

Name of Work:- Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Sl No.	Item	Quantity As Per BOQ	Required No's of tests	Actual No's of tests	Tests
1	Material	-	1	1	Cement
					Sand, Aggregates
2	PVC (63mm dia)	2000.00 Rmtr	1	1	-
3	PVC (250mm dia)	198.00 Mtr	1	1	-

Cubes

0-5 m^3	1set
6-15 m^3	2set
16-30 m^3	3set
31-50 m^3	4 set
Add 1set for every 50 Cum	

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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/NSR/W.No.12/2020-2021

Date:16.09.2020

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Sample ID: : Cement (Dalmia 53 grade OPC)

Sample Supplied by: : AGENCY

Date of Manufacture: : August - 2020

Date of Testing : 14.09.2020 to 16.09.2020

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	135 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	370 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00%	-

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ಬೆಂಗಳೂರು.

Authorised Signatory

Note:

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2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30days from the date of testing.

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Job No.: CQCE/BBMP/NSR/W.No.12/2020-2021 Date : 14.09.2020

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Date of Testing : 14.09.2020

IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)

Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	78	7.80	7.80	92.2	90-100
2.36	106	10.60	18.40	81.6	75-100
1.18	177	17.70	36.10	63.9	55-90
600 Micron	228	22.80	58.90	41.1	35-59
300 Micron	169	16.90	75.80	24.2	8-30
150 Micron	154	15.40	91.20	8.8	0-10

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ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜೇಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

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Job No.: CQCE/BBMP/NSR/W.No.12/2020-2021 14.09.2020

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Sample Supplied by :AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 63mm dia

Date of Testing 14.09.2020

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	63mm	63 mm
2	Mean Outside Diameter (mm)	63.1mm	Min 63 mm Max 63.3 mm
3	Outside Diameter at Any Point (mm)	63.5mm	Min 62.2 mm Max 63.8 mm

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Job No.: CQCE/BBMP/NSR/W.No.12/2020-2021 14.09.2020

TEST REPORT ON PVC PIPE

Client : **Assistant Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.

Agency : **M/s Nagasandra Shamanna Rama Rao (Rajalakshmi Rock Drillers),** Contractor, Bangalore.

Name of Work : Drilling of Borewells and Installation of Pumps and motors with accessories in Ward No.12, Shettyhalli, BBMP, Bangalore.

Sample Supplied by : AGENCY

BIS Code IS 4985:2000

Sample Identification PVC pipe 250mm dia

Date of Testing 14.09.2020

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	250mm	250 mm
2	Mean Outside Diameter (mm)	250.4mm	Min 250.0 mm Max 250.8 mm
3	Outside Diameter at Any Point (mm)	251.6mm	Min 247.0 mm Max 253.0 mm

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